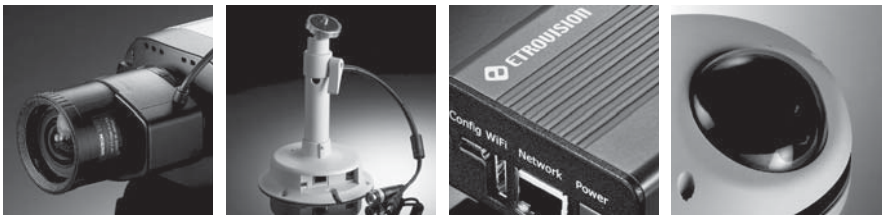
Product Guide

The Best IP Surveillance Solution Provider



ETROVISION

New Product Design

Etrovision constantly aims to deliver innovative, steady, and user friendly products. New releases of H.264 Megapixel technology and box type series complete the product portfolio while broadening the application field.

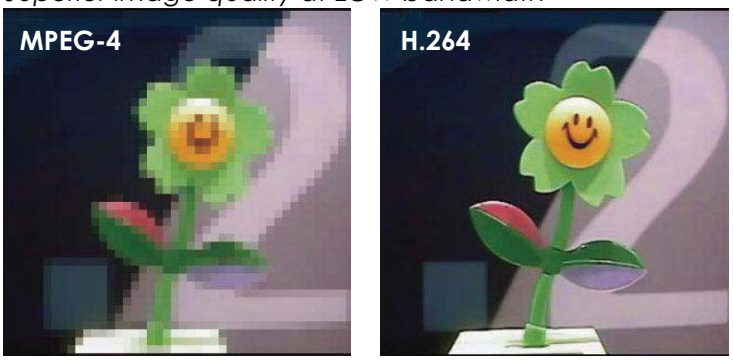
New Generation of Codec Module Release - H.264, the Mainstream in IP Surveillance Solution

For modulized design, Etrovision dramatically reduces time-to-market, presenting complete product line of H.264, which unfolds a new generation in IP Surveillance industry.
Superior image quality, more flexibility, and broader support, H.264 becomes the mainstream in the industry, providing full-featured solutions.

Superior Image Quality at Low Bandwidth

The greatest achievement of H.264 is defined by the crispest and sharpest image at low bandwidth. Take MPEG-4 streaming at 750K as example, the intention of saving bandwidth results in the poorer video quality. But the situation will be totally different in H.264. It helps you easily save storage, bandwidth, and enjoy superior image quality. In average, H.264 delivers 50% reduction, giving a steady video quality compared with other formats. Furthermore, H.264 encoder module successfully empowers Megapixel cameras to practice real world applications.

Superior image quality at LOW bandwidth



Dual Streams Simultaneously

M-JPEG, MPEG-4, H.264 dual streams simultaneously provides more flexibility in practice. Users can assign different streaming, frame size, bit rate, and frame rate to satisfy various requirements. As viewing, you may require small frame size and low bit rate. While recording, the criteria may be turned into saving storage for archiving more data and both high frame size and bit rate for uncompromising definition.

Comprehensive Support in Network Protocol

H.264 supports more protocols while amplifying the scope of applications. TCP has distinguishing feature of anti-loss to avoid missing data; RTP/RTSP guarantees accessing to real-time information. Further, the new technology gives users more flexibility as combining stream protocols with bit rate, frame rate, and frame size. For example, users can view real-time images via mobile device with low bit rate and small frame size.

Product Portfolio

Box Type

Dome Type

Outdoor Camera

Speed Dome

Video Server

Video Decoder

Accessories

Every Etrovision product has a web interface designed for easy operation. Through a standard browser on any PC, users are able to monitor the live viewing page, record video, and save snapshots to a local hard disk. Also, users can effectively do system configuration and maintenance. Also, users can effectively do system configuration and maintenance.

Box Type IP Camera

From the simplest to the most sophisticated, EV6100 Series fulfill various requirements

- *H.264 Megapixel cameras maximize capabilities and applications*
- *Full-featured box type IP camera*
- *Progressive Scan technology delivers crisp and sharp images*
- *Support WiFi Dongle and standard PoE*
- *Easy and flexible installation, perfect for dome housing and a broad range of accessories*

What more can you expect from box type IP Camera

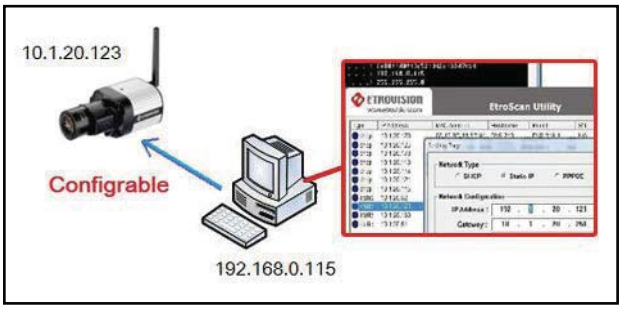
Minimizing set-up efforts in installation means you SAVE MORE MONEY. Etrovision guarantees the best total cost of ownership while providing the most intelligent and integrated surveillance applications.

Combing high efficiency and easy-to-use characteristic, Etrovision presents the most cost-reducing IP Camera Series with CCTV-like easy installation. For example, video output function helps users easily adjust focus, view angle and direction. Users do not have to rely on handheld pocket PC, laptop or help from a colleague in a remote site.

EtroLink™

Just three steps, it takes less than one minute to finish the initial configuration !

EtroScan™



Alter the IP address via the standard PC interface to do across-subnet configuration.

IP Box Camera									
		MPEG4			H.264				
Camera	Indoor / Outdoor	Indoor			Indoor				
	Product Name	EV 6130-BI / 6130P-BI	EV 6130-CI / 6130P-CI	EV6131H / 6131HP / 6131HW	EV 6150A -BI	EV 6150A -CI	EV 6151A	EV 6153A	EV 8150A
	Image Sensor	1/3"SONY SuperHAD CCD	1/3"SONY SuperHAD CCD	1/4"Low-Light Sensitive CMOS	1/3" SONY SuperHAD CCD	1/3" SONY SuperHAD CCD	1/4" Low-Light Sensitive CMOS	1/4" SONY Progressive Scan CCD	1/3" SOC Megapixel CMOS Digital Image Sensor
	Lens Type	Optional, CS Mount Lens Changeable							
	Pan / Tilt	–							
	Zoom Ratio	–							
	Minimum Illumination	0.3 lux	0.3 lux	0.5 lux	0.3 lux		0.5 lux	0.75 lux	0.5 lux
Image	Compression Format	M-JPEG, MPEG-4			M-JPEG, MPGE-4, H.264 Dual Streams Simultaneously				
	Image Resolution	D1, CIF, QCIF		VGA,QVGA, QQVGA	D1, CIF, QCIF		VGA, QVGA, QQVGA		1280 x 1024
	Frame Rate	Up to 30fps (NTSC)/25fps(PAL) @ D1 Resolution		Up to 30fps @ VGA Resolution	Up to 30fps(NTSC)/25fps (PAL) @ D1 Resolution		Up to 30fps@ VGA Resolution		Up to 15 @ SXGA, 30fps @ VGA Resolution
	Image Setting	Compression, Color, Brightness, Saturation, Hue, Text and Image Overlay							
Analog Video Output	Horizontal Resolution	420 TVL	540 TVL	–	420 TVL	540 TVL	–	420 TVL	–
Audio	Audio Support	–		Built-in High Sensitive MIC	2-way				
	Audio Compression	–		MP3	Audio In / Out : ADPCM				
Interface	Alarm Input / Output	–			Digital In x 1 , Digital Out x 1				
	Serial Connector	–			RS-485				
Night Vision	Max. IR Range / LED	–							
IP Nework	Network Protocol	TCP / IP, DHCP, PPPoE, HTTP, DDNS, NTP, FTP, SMTP			TCP / IP, DHCP, PPPoE, HTTP, DDNS, NTP, FTP, SMTP, UDP, RTP, RTSP, 3GPP, UPnP				
	PoE Support	EV 6130P-BI	EV 6130P-CI	EV 6131HP	Built-in				
	802.11 b/g Wi-Fi Support	–		EV 131HW	*Note				
Local Storage	SD Socket	YES							
General	Protection Class	–							
	Power Consumption	EV6130-BI / 6130P-BI: DC 12V / 350mA	EV6130-CI / 6130P-CI: DC 12V / 380mA	EV6131H /6131HP: DC12V / 300mA EV6131HW: DC12V / 500mA	DC12V / 350mA	DC12V / 380mA	DC12V / 300mA	DC12V / 450mA	DC 12V / 650mA
	Dimensions	76.3(W) x 64(H) x 80 (D) mm			76.3(W) x 64(H) x 100 (D) mm				
	Weight	EV6130 / 6130P: 270g	EV6130 / 6130P: 270g	EV6131H / 6131HP:250g EV6131HW: 270g	290g		275g	290g	295g
	Approval	CE / FCC / RoHS							
	Video Buffer	Up to 20 sec							
	Connectors	Female RJ-45 Ethernet 10Base / 100Base TX							
	Included Accessories	Power Adaptor, CD with User's Manual, USB Cable							
Processors and Memory		ARM 9 Based 32-bit RISC, 512Mbits			ARM 9 Based 32-bit RISC, 1024Mbits				
Alarm Events		File / Clip Upload via FTP and Email, Notification via Email, External Output Activation							

*Note: USB A-type female connector for plugin external Wi-Fi USB Client Adapter

Dome Type IP Camera

From simple requirements to extensive applications, meets all needs at any time

- *H.264, MPEG-4, M-JPEG dual streams simultaneously*
- *Full features in discreet design*
- *Ultimately perfect for comprehensive applications*

EV6500 series provides professional features for both indoor and outdoor applications. With vandal-proof and weather-proof housing, day/night IR cut filter, and vari-focal lens, this series is perfect for any environment. EV6500 series performs full functions with non-obtrusive and discreet appearance, which allows applications at home, school, and other places without interfering with everyday life.

Fixed Dome								
		MPEG4			H.264			
Camera	Indoor / Outdoor	Indoor			Indoor			
	Product Name	EV 6531A-BI / 6531AP-BI	EV 6531A-CI / 6531AP-CI	EV 6532A / 6532AP	EV 6150A -BI	EV 6150A -CI	EV 6151A	
	Image Sensor	1/3"SONY SuperHAD CCD	1/3" High Res. CCD+SONY 11X DSP	1/4"Low-Light Sensitive CMOS	1/3" SONY SuperHAD CCD	1/3" High Res. CCD+ SONY 11X DSP	1/4" Low-Light Sensitive CMOS	
	Lens Type	6mm Fixed Lens	3~9mm (F1.2) Auto Iris Lens	3.6mm Fixed Lens	6mm Fixed Lens	3~9mm (F1.2) Auto Iris Lens	3.6mm Fixed Lens	
	Pan / Tilt	90° Pan Adjustable	3-Axis Design	90° Pan 10° Tilt Adjustable	90° Pan Adjustable	3-Axis Swivel Design	90° Pan 10° Tilt Adjustable	
	Zoom Ratio	–						
	Minimum Illumination	0.1 lux(IR Off), 0 lux(IR On)	0.05 lux(IR Off), 0 lux(IR On)	0.5 lux	0.1 lux(IR Off), 0 lux(IR On)	0.05 lux(IR Off), 0 lux(IR On)	0.5 lux	
Image	Compression Format	M-JPEG, MPEG-4			M-JPEG, MPGE-4, H.264 Dual Streams Simultaneously			
	Image Resolution	D1, CIF, QCIF		VGA,QVGA, QQVGA	D1, CIF, QCIF		VGA,QVGA, QQVGA	
	Frame Rate	Up to 30fps (NTSC)/25fps(PAL) @ D1 Resolution		Up to 30fps @ VGA Resolution	Up to 30fps (NTSC)/25fps(PAL) @ D1 Resolution		Up to 30fps @ VGA Resolution	
	Image Setting	Compression, Color, Brightness, Saturation, Hue, Text and Image Overlay						
Analog Video Output	Horizontal Resolution	420 TVL	520 TVL	–	420 TVL	520 TVL	–	
Audio Interface	Audio Support	2-way						
	Audio Compression	Audio In : ADPCM , Audio Out : MP3			Audio In / Out : ADPCM			
	Alarm Input / Output	Digital In x 1 , Digital Out x 1						
	Serial Connector	–						
Night Vision	Max. IR Range / LED	10M/12 pcs LED	20M/24 pcs LED	–	10M/12 pcs LED	20M/24 pcs LED	–	
IP Nework	Network Protocol	TCP / IP, DHCP, PPPoE, HTTP, DDNS, NTP, FTP, SMTP			TCP / IP, DHCP, PPPoE, HTTP, DDNS, NTP,FTP, SMTP, UDP, RTP, RTSP, 3GPP, UPnP			
	PoE Support	EV 6531AP-BI	EV 6531AP-CI	EV 6532AP	EV 6531AP-BI	EV 6551AP-CI	EV 6552AP	
	802.11 b/g Wi-Fi Support	–						
Local Storage	SD Socket	–						
General	Protection Class	IP66,Unbreakable Housing / Burglar-proof Screw		–	IP66,Unbreakable Housing / Burglar-proof Screw		–	
	Power Consumption	LED on: DC12V / 460mA LED off: DC12V / 360mA	LED on: DC12V / 560mA LED off: DC12V / 360mA	DC 12V / 300mA	LED on: 12V / 510mA LED off: DC12V / 410mA	LED on: DC12V / 610mA LED off: DC12V / 410mA	DC12V / 350mA	
	Dimensions	136 (∅) x 106 (H) mm		114 (∅) x 39 (H) mm	136 (∅) x 106 (H) mm		114 (∅) x 39 (H) mm	
	Weight	925g		330g	930g		335g	
	Approval	CE / FCC / RoHS						
	Video Buffer	Up to 20 sec						
	Connectors	Female RJ-45 Ethernet 10Base / 100Base TX						
	Included Accessories	Power Adaptor, CD with User's Manual, USB Cable						
Processors and Memory		ARM 9 Based 32-bit RISC, 512Mbits			ARM 9 Based 32-bit RISC, 1024Mbits			
Alarm Events		File / Clip Upload via FTP and Email, Notification via Email, External Output Activation						

Outdoor IP Camera

Ideal for a wide range of applications, perfect and steady performance under any critical environment

- *H.264, MPEG-4, M-JPEG Dual Streams Simultaneously*
- *Select components promise consistently steady operation even at -13°C*
- *High-performance and cost-effective IR outdoor IP camera*
- *Automatic Defogging Glass; Built-in Heater and Fan*
- *Adjustable Linear IR Light, Range up to 80 Meters*

EV6300 series ensures users the strongest reliability in harsh environment. If you look for the best solution to take both cost and performance into considerations, EV6300 series is definitely the best choice.
EV6355A and EV6356A are equipped with PoE which forms a more complete specification of outdoor IP camera

IR Outdoor IP Camera													
		MPEG4							H.264				
Camera	Indoor / Outdoor	Outdoor							Outdoor				
	Product Name	EV 6332-BO	EV 6332-CO	EV6333A -BO24 EV6333A -BO80	EV6333A -CO24 EV6333A -CO80	EV6333A -DO24 EV6333A -DO80	EV6333A -EO24 EV6333A -EO80	EV6333A -FO24 EV6333A -FO80	EV6353 A-BO24 EV6353 A-BO80	EV6353 A-CO24 EV6353 A-CO80	EV6353 A-DO24 EV6353 A-DO80	EV6353 A-EO24 EV6353 A-EO80	EV6353 A-FO24 EV6353 A-FO80
	Image Sensor	SONY 1/3" SuperHAD CCD		1/3" SONY CCD		1/3" SuperHAD Q1 SONY CCD			1/3" SONY CCD		1/3" SuperHAD Q1 SONY CCD		
	Lens Type	16mm Fixed Lens		3.8-9.5mm, Vari-focal ED lens		3.8-9.5mm, Vari-focal ED lens	9-22mm, Vari-focal ED lens		16mm Fixed Lens		3.8-9.5mm, Vari-focal ED lens	9-22mm, Vari-focal ED lens	
	Pan / Tilt	–											
	Zoom Ratio	–											
	Minimum Illumination	0.1 lux / 0 lux (IR LED On)											
Image	Compression Format	M-JPEG, MPEG-4							M-JPEG, MPGE-4, H.264 Dual Streams Simultaneously				
	Image Resolution	D1, CIF, QCIF											
	Frame Rate	Up to 30fps (NTSC) / 25fps (PAL) @ D1 Resolution											
	Image Setting	Compression, Color, Brightness, Saturation, Hue, Text and Image Overlay											
Analog Video Output	Horizontal Resolution	420 TVL	520 TVL	420 TVL		540 TVL			420 TVL		540 TVL		
Audio	Audio Support	–		2-Way									
	Audio Compression	–		Audio In: ADPCM , Audio Out: MP3					Audio In / Out : ADPCM				
Interface	Alarm Input / Output	–		Digital In X 1 , Digital Out X 1									
	Serial Connector	–											
Night Vision	Max. IR Range / LED	60M / Bright LED ⌀ 10x7	80M / Wide LED ⌀ 5x35	40M / 4 pcs LED	80M / 7 pcs LED	40M / 4 pcs LED	80M / 7 pcs LED		40M / 4 pcs LED	80M / 7 pcs LED	40M / 4 pcs LED	80M / 7 pcs LED	
IP Nework	Network Protocol	TCP / IP, DHCP, PPPoE, HTTP, DDNS, NTP, FTP, SMTP							TCP / IP, DHCP, PPPoE, HTTP, DDNS, NTP,FTP, SMTP, UDP, RTP, RTSP, 3GPP, UPnP				
	PoE Support	–											
	802.11 b/g Wi-Fi Support	–											
Local Storage	SD Socket	–											
General	Protection Class	IP66											
	Power Consumption	DC 12V / 600mA (IR Off), 1350mA (IR On)		EV6333A-XX24 : 24 Vac, EV6333A-XX80: 080PSU Power, Power Input : 4A Rating Current									
	Dimensions	125(W) x 149(H) x 180(D) mm		120(W) x 115(H) x 215(D) mm									
	Weight	1350g		3700g									
	Approval	CE / FCC / RoHS											
	Video Buffer	Up to 20 sec											
	Connectors	Female RJ-45 Ethernet 10Base / 100Base TX											
	Included Accessories	Power Adaptor, CD with User's Manual, USB Cable											
Processors and Memory		ARM 9 Based 32-bit RISC, 512Mbits							ARM 9 Based 32-bit RISC, 1024Mbits				
Alarm Events		File / Clip Upload via FTP and Email, Notification via Email, External Output Activation											

Speed Dome IP Camera

PTZ camera applications with features exactly tailored to specific needs are no longer unaffordable.

- *H.264, MPEG-4, M-JPEG dual streams simultaneously*
- *Indoor and Outdoor Comprehensive Applications*
- *With Compact Video Server, easily making PTZ cameras have IP base solutions*

We realize it is hard to find a perfect PTZ camera which perfectly matches your needs. Yet there is no need for you to compromise on either functions or cost. EV3100 Series, with ultra compact size, cost-effectively enables your existing PTZ cameras to have IP base solutions.

Speed Dome IP Camera							
		MPEG4			H.264		
Camera	Indoor / Outdoor	Indoor / Outdoor			Indoor / Outdoor		
	Product Name	EV 6230A BI / BO	EV 6230A CI / CO	EV 6230A DI / DO	EV 6250 A-BI / BO	EV 6250A -CI / CO	EV 6250 A-DI /DO
	Image Sensor	SONY 1/4" Ex-View CCD					
	Lens Type	f=4.1mm (wide) to 73.8mm (tele), F1.4 to F3.0	f=3.5mm (wide) to 91mm (tele), F1.6 to F3.8		f=4.1mm (wide) to 73.8mm (tele), F1.4 to F3.0	f=3.5mm (wide) to 91mm (tele), F1.6 to F3.8	
	Pan / Tilt	360° Continous Pan Rotation/90° Scan Range/180° Auto Flip					
	Zoom Ratio	72X (18xOpti., 4xDigital)	216X (18xOpti., 12xDigital)	312X (26xOpti., 12xDigital)	72X (18xOpti., 4xDigital)	216X (18xOpti., 12xDigital)	312X (26xOpti., 12xDigital)
	Minimum Illumination	1.0 lux	0.01 lux		1.0 lux	0.01 lux	
Image	Compression Format	M-JPEG, MPEG-4			M-JPEG, MPGE-4, H.264 Dual Streams Simultaneously		
	Image Resolution	D1, CIF, QCIF					
	Frame Rate	Up to 30fps (NTSC) / 25fps (PAL) @ D1 Resolution					
	Image Setting	Compression, Color, Brightness, Saturation, Hue, Text and Image Overlay					
Analog Video Output	Horizontal Resolution	480 TVL					
Audio	Audio Support	2-way					
	Audio Compression	Audio In : ADPCM , Audio Out : MP3			Audio In / Out : ADPCM		
Interface	Alarm Input / Output	Digital In x 1 , Digital Out x 1					
	Serial Connector	–					
Night Vision	Max. IR Range / LED	–	Built-in IR Cut		–	Built-in IR Cut	
IP Nework	Network Protocol	TCP / IP, DHCP, PPPoE, HTTP, DDNS, NTP, FTP, SMTP			TCP / IP, DHCP, PPPoE, HTTP, DDNS, NTP,FTP, SMTP, UDP, RTP, RTSP, 3GPP, UPnP		
	PoE Support	–					
	802.11 b/g Wi-Fi Support	–					
Local Storage	SD Socket	–					
General	Protection Class	IP66 for Outdoor Housing (EV6230A-BO / CO / DO Only)			IP66 for Outdoor Housing (EV6250A-BO / CO / DO Only)		
	Power Consumption	DC 12V / 2.42A			DC 12V / 2.50A		
	Dimensions	218 (∅) x 247 (H) mm (Indoor), 220 (∅) x 262 (H) mm (Outdoor),					
	Weight	⩽7kg					
	Approval	CE / FCC / RoHS					
	Video Buffer	Up to 20 sec					
	Connectors	Female RJ-45 Ethernet 10Base / 100Base TX					
	Included Accessories	Power Adaptor, CD with User's Manual, USB Cable					
Processors and Memory		ARM 9 Based 32-bit RISC, 512Mbits			ARM 9 Based 32-bit RISC, 1024Mbits		
Alarm Events		File / Clip Upload via FTP and Email, Notification via Email, External Output Activation					

Video Server

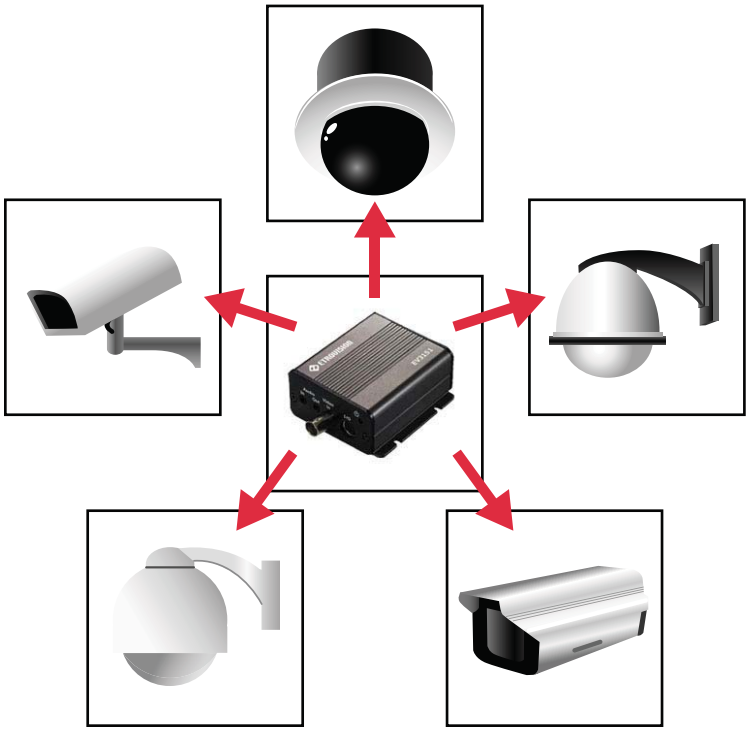
Turn your CCTV into IP Camera

The neatest wiring management and the most flexible installation of video server mean saving more money. Etrovision ensures the best total cost of ownership while offering the most considerate design concept and cost-effective products.

- *Support H.264/MPEG-4/M-JPEG*
- *Full Features*
- *Innovative design - combination of video server and camera stand*
- *Ultra compact size, ideal for outdoor PTZ camera*
- *Video server work perfectly with IR outdoor housing in harsh environment*
- *Video server can be neatly arranged by rack mount kit in computer room*

Etrovision works smart in understanding the problems in the field and be devoted to finding the best total cost of ownership solutions. Because of our mission, we come up with innovative design - IP stand. This camera stand-typed device enables you allocate the wiring in the simplest way to convert the analog video to IP video streaming. For knowing the annoying huge size of other video servers, we have the most compact design video servers, suiting for not only the outdoor housing but different environments as well. Furthermore, we provide rack mount kit for EV3000 series video servers and ensure you the ultra-high convenience in organizing the control of existing CCTV systems.

EV3131 with various housing



IP Stand with analog camera

Video Server									
		MPEG4				H.264			
		1CH				1CH			
	Product Name	EV 3130A / EV 3130AW	EV3131	EV3131A	EV 3830H / 3830HP	EV3150A	EV3151	EV3151A	EV 3850A / 3850AP
Image	Video Input	1CH, NTSC / PAL, BNC Connector							
	Image Resolution	D1, CIF, QCIF							
	Compression Format	M-JPEG, MPEG-4				M-JPEG, MPGE-4, H.264 Dual Streams Simultaneously			
	Frame Rate	Up to 30fps (NTSC) / 25fps (PAL) @ D1 Resolution							
Audio	Audio Support	2-Way	–	2-Way	Built-in High Sensitive MIC	2-Way	–	2-Way	
IP Nework	Network Protocol	TCP / IP, DHCP, PPPoE, HTTP, DDNS, NTP,FTP, SMTP				TCP / IP, DHCP, PPPoE, HTTP, DDNS, NTP,FTP, SMTP, UDP, RTP, RTSP, 3GPP, UPnP			
	PoE Support	–			EV 3830HP	802.3af Compliant	–		EV 3850AP
	802.11 b/g Wi-Fi Support	EV 3130AW	–	*Note	–	*Note	–	*Note	–
Local Storage	SD Socket	YES	–			YES	–		
Pan/ Tilt / Zoom	Protocols	Pelcop, PelcoD, DynaColor, Merit_Lilin, Visca, Transparent			–	Pelcop, PelcoD, DynaColor, Merit_Lilin, Visca, Transparent			
	Connector	Female RJ-45 Ethernet 10Base / 100Base TX							
Connector	Serial Connector	RS-485			–	RS-485 / RS-422 / RS-232	RS-485		
	Alarm Input / Output	Digital In x 1 , Digital Out x 1	–	Digital In x 1 , Digital Out x 1	–	Digital In x 2, Digital Out x 2	–	Digital In x 1, Digital Out x 1	–
System Integration	Alarm Events	File / Clip Upload via FTP and Email, Notification via Email, External Output Activation							
	Alarm Trigger	Periodic Timer, Motion Detection, Video Loss, Power Loss, Network Loss, Digital Input (EV3130A / AW / EV3131A Only)				Periodic Timer, Motion Detection, Video Loss, Power Loss, Network Loss, Digital Input (EV3150A / EV3151A Only)			
	Video Buffer	Up to 20 sec							
	Motion Detection	3 x 3 Configurable Areas				Up to 3 Self-Configurable Areas			
General	Power Consumption	EV3130A: DC 12V / 250mA EV3130AW: DC 12V / 450mA	DC 12V / 250mA	DC 12V / 270mA	DC 12V / 250mA	DC 12V / 350mA	DC 12V / 270mA	DC 12V / 300mA	DC 12V / 300mA
	Dimensions	150(W) x36(H) x95(D)mm	61(W) x 31(H) x 70(D) mm		120(W) x175(H) x120(D)mm	150(W) x36(H) x95(D)mm	61(W) x 31(H) x 70(D) mm		120(W) x175(H) x120(D)mm
	Weight	EV3130A: 440g EV3130AW: 460g	170g	175g	EV3830H: 510g EV3830HP: 530g	445g	180g	190g	EV 3850A: 515g EV 3850AP: 535g
	Housing	Robust Aluminum Mechanical Design							
Accessories	Rack Mount Kit Available	AC-RMK41	AC-RMK61		–	AC-RMK41	AC-RMK61		–

*Note: USB A-type female connector for plugin external Wi-Fi USB Client Adapter

Video Decoder

Without PC, easily transfer from digital video information to analog

- *Support H.264/MPEG-4/M-JPEG*
- *Friendly users interface*
- *Compact size, stand-alone IP decoder*
- *Built-in web viewer for configuration*
- *802.11b/g Wi-Fi support*

There is no need to rely on a PC as using video decoder. EV5100 Series allows users to remotely control the video server via joystick or keypad which unfolds a new way of monitoring. Users even can construct a TV wall to slide each image.

Built-in web viewer

IP Video Decoder			
		MPEG4	H.264
	Product Name	EV5131	EV5151A
Video/ Audio	Video Input	Analog NTSC or PAL	
	Video Sequencing	Up to 8 Video Sources Can Be Pre-defined	
	Video Decoding	M-JPEG and MPEG-4 AutoDetection	M-JPEG,MPEG-4 and H.264 AutoDetection
	Frame Rate	Up to 30/25 fps (NTSC / PAL)	
	Audio Support	Audio Out	2-Way
IP Nework	Network Protocol	TCP / IP, DHCP, HTTP, NTP	
	802.11 b/g Wi-Fi Support	*Note	
Connector	Serial Connector	RS-485	
	Alarm Input / Output	Digital In x 1 , Digital Out x 1	
Event Management	OSD	Video Source Loss / Network Loss / Motion Detection Alert from the Encoder	
General	Power Consumption	DC 12V / 350mA	
	Dimensions	61(W) x 31(H) x 70(D)mm	
	Weight	170g	
Accessories	Rack Mount Kit Available	AC-RMK61	

*Note: USB A-type female connector for plugin external Wi-Fi USB Client Adapter

Broad Scope Accessories

Outdoor Housing

AC-OEX0700

- Built-in 4/6/7 Super Power IR LEDs with Refractor
- 40/60/80 Meters Adjustable Linear IR Light
- Embedded Blower Facilitates Heat Dissipation
- Equipped with Automatic Defogging Glass
- For EV3131/EV3131A/EV3151/EV3151A

Rack Mount Kit

AC-RMK41

- 19-inch Rack Mount Kit
- Cost-effective
- Robust but Light
- Easy Installation and Maintenance
- Accommodate EV3130A/EV3150A up to 4 Pieces

AC-RMK61

- 19-inch Rack Mount Kit
- Cost-effective
- Robust but Light
- Easy Installation and Maintenance
- Accommodate EV3131 / EV3131A / EV3151 / EV3151A / EV5131 / EV5151up to 6 Pieces
- RoHS Compliant

PoE Injector

AC-PI1201

- 802.3af compliant, 12Watt

PoE Switch

AC-PI1201

- Support IEEE 802.3af Power over Ethernet (PoE) Power Sourcing Equipment (PSE)
- 1M bits buffer memory
- Full wire-speed forwarding rate
- -40℃~75℃ (-40°F~167°F) operating temperature range

Broad Scope Accessories

Fixed Lens

AC-L144020N0

- 1/4" Fixed Lens, 4.0mm. F2.0
- For EV6131H / EV6151A / EV6153A

AC-L146020N0

- 1/3" Fixed Lens, 6mm, F2.0
- For EV6130 / EV6150 / EV6150A

AC-L148020N0

- 1/3" Fixed Lens, 8mm, F2.0
- For EV6130 / EV6150 / EV6150A

Vari-focal Lens

AC-L233814M0

- 1/3" Manual-Iris Lens, 3~8mm, F1.4
- For EV6130 / EV6150 / EV6150A

AC-L23381010

- Computar 1/3" DC-Iris Lens, 2.9~8.2mm, F1.0
- For EV6130-CI / EV6150A

Megapixel Lens

AC-L231216G

- 2.8 mm ~ 12mm, F1.6 Vari-focal Lens
- For EV8150A Box Type H.264 Megapixel Camera

Broad Scope Accessories

Wireless Antenna

AC-ANT0009

- 9dBi Wireless Antenna
- For EV3130AW / EV6131HW Only

Outdoor Wireless System

AC - WS000

- IEEE802.11b / g / IEEE802.3 / IEEE 802.3u
- Integrated 12 dBi flat panel antenna
- 64-bit / 128-bit / 152-bit / WEP encryption and WIFI Protected Access (WPA)
- WPA Support (WPA personal and enterprise)
- Operating temperature: -10°C~ +70°C

AC - WS100

- IEEE802.11a / IEEE802.3 / IEEE 802.3u / IEEE 802.3af
- 64-bit / 128-bit / 152-bit / WEP encryption and WIFI Protected Access (WPA) and WPA2
- Operating Mode - AP / Repeater / Wireless Client Infrastructure and Ad-hoc / Wireless Bridge (WDS)
- Support WME (QoS), SNTP and Syslog

AC - WS200

- IEEE802.11a / b / g / IEEE802.3 / IEEE 802.3u Compliant
- Support PPPoE, STP/NAT, DHCP Client/Server
- HTTP/HTTPS management
- Web-based configuration via popular browser (MS IE, Netscape...)
- Operating temperature: -30°C~ +70°C

WiFi USB Dongle

AC-WL2203SV3

- 2.412GHz ~ 2.484GHz unlicensed ISM frequency band
- Easy operation and setup
- Equipped with external SMA antenna (2dBi)
- Support Microsoft Windows 98SE, Me, 2000, XP, and Linux

AC-WL2203V2

- Operating distance of up to 300 meters in free space
- Support WMMTM (Wi-Fi Multimedia) function
- Support USB 2.0 interface
- 64-bit or 128-bit WEP (Wired Equivalent Privacy)

Broad Scope Accessories

IR Illuminator

AC - IRL1230

- 30M IR distance
- 12 pcs LED lights
- IP66 water-proofing protection class
- Operating temperature: -20℃~ 90℃; Storage: -30℃~ 90℃

AC - IRL1260

- 60M IR distance
- 12 pcs LED lights and Condenser lens
- 850nm IR Wavelength
- IP66 water-proofing protection class
- Operating temperature: -20℃~ 90℃; Storage: -30℃~ 90℃

AC-IRL1280

- 80M IR distance
- 15 pcs LED lights and Condenser lens
- 850nm IR Wavelength
- IP66 water-proofing protection class
- Operating temperature: -20℃~ 50℃; Storage: -30℃~ 70℃

Free Bundle Software

Versatile, reliable, and absolutely stable professional NVR integrates with sophisticated event management. Recording, playback, viewing, motion detection, digital in/out, and bi-directional RS-232/RS-485 serial connectors fulfill comprehensive IP surveillance requirements.

Etorvision provides the following three different software:

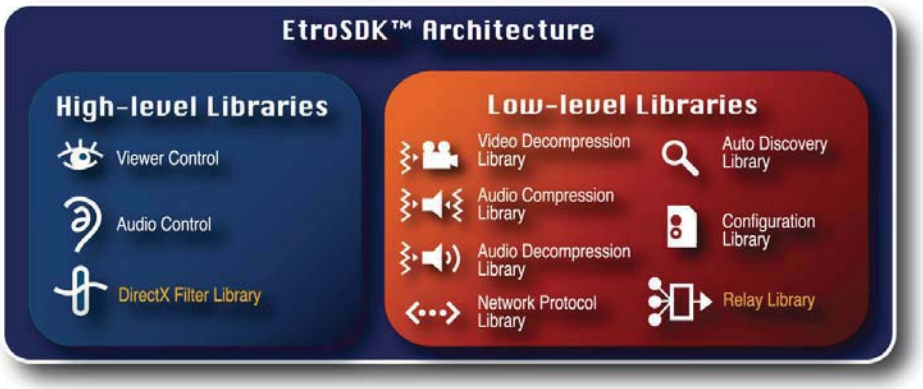
- EtroSDK™- Software Development Kit
- EtroStation™ Pro - Network Video Recorder
- EtroStaion™ - Network Video Recorder

EtroSDK™- Software Development Kit

With high compatibility and scalability, Etrovision's Software Development Kit - EtroSDK™ efficiently reduces integration cost and effort. Integration is no longer a critical issue.
EtroSDK™ allow users to easily integrate Etrovision's products with CGI, ActiveX, DLLS, static and dynamic libraries on Windows and Linux OS. Sample code is provided to present straightforward user experience.

EtroSDK™ Main Features

- Effective tool for IP surveillance application integration
- Supports standard programming languages : Visual C++/ Visual Studio.NET / Visual Basic / Visual Basic.NET/CGI
- Supports Operation Systems : Win 2K / Win XP /WinCE / Linux
- Sample code included
- Supports high level libraries and components for easy integration
- Supports low-level libraries for flexible and sophisticated designs
- Supports Relay Library
  → Relays one video / audio stream to numerous clients to reduce the encoder's loading
  → High-performance multi-thread library with security mechanism enforced
  → Easy to be customized for video broadcasting projects
- Supports full video decompression library : MJPEG / MPEG1 / MPEG2 / MPEG4 / DivXStream based motion detection
- Supports control functions: Video & Audio streaming / PTZ / RS-485 / Digital I/O / Configuration / Codec
- Supports ActiveX component
- Free version: EtroSDK™Lite (High-level)

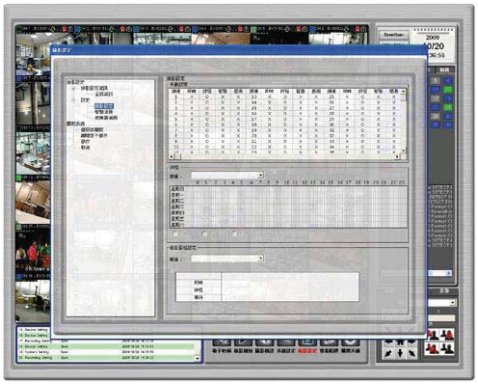


EtroStation™ Pro-Network Video Recorder

The special designed NVR software supports 36 major brand dual-stream network cameras with advanced features such as event management and recording, tri-display monitoring, smart motion detection, advance PTZ control, and E-map. The software is also capable of delivering 36-CH high quality live view video simultaneously and flexible view pattern selections that can be perfectly suit your surveillance needs.

EtroStation™ Pro Main Features

- Up to 36-CH Live Viewing
- 4-CH Playback
- Up to 36 Nodes for Simultaneously Recording
- Support 1-CH Megapixel Camera
- High Quality Live/Playback Video
- Advanced PTZ Control
- Two-way Audio
- Motion Detection
- Tri-Monitor Management
- E-Map Monitor Management
- Flexible Video Screen Assignment
- User Level Access Control
- Compatible with Major Brand Cameras



Live View

- Split Screen - 1/4/6/9/13/16/36
- Display Mode - Live View/E-Map View/Event View/Playback/Full Screen
- Multi-Monitor - Up to Three Monitors Can be Automatically Detected for Viewing Different Function Windows Simultaneously
- Live View of Event Trigger
- PTZ Support - Virtual PTZ Panel/ Video-Click PTZ/ Audio Pan/ Preset Point
- Sequence Mode- Sequence All/Manually Selected cameras in 1/4/6/9 Split View with Configurable Timer

Recording

- Capacity - Depends on Hard Disk
- Recording Mode - Manual/ Scheduling/ Event by Event
- Scheduling Types - Manual Select/ Day Mode/ Night Mode/ Weekend Mode

Playback

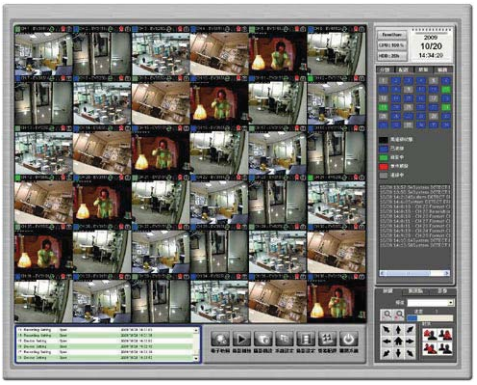
- Split Screen - 1/4
- Search Method - Time/Date, Event (Thumbnails)
- Playback Controls - Play/Pause/Stop/Forward/Reverse/Speed Adjust/Frame by Frame/ Event by Event
- AVI Export - Export Recorded Videos to AVI Files

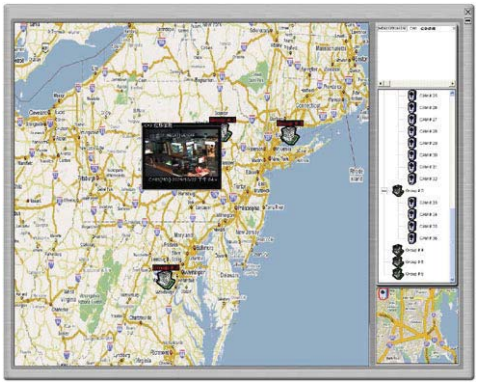
Event Handling

- Motion Detection - Easy-to-configure EtroScan™
- Tri-Monitor Management
- E-Map Monitor Management
- Events
  → System Events: System Start/Shutdown, System Settings Modified, Camera Settings Modified, Start Recycle, Disk Full
  → Camera Events: Motion/Sensor Detection
- Event Actions - On-Screen Alert/Mail/FTP/Configurable Alert Sound/ Record
- Event Recording - Pre/Post Event Settings
- E-Map Monitor and Event Live Alert

Configuration

- Add Camera - Manual/EtroScan™ for Camera Search
- Maz. Channels - 36 (6x6)
- Compression -H.264/ MPEG-4/ M-JPEG
- FPS & Resolution - Up to 30 fps @ D1
- Streaming - Two-way Audio





EtroStation™- Network Video Recorder

EtroStation Main Features

- 16-CH Live Viewing Capability with Quick Access Buttons
- 16-CH Recording at D1 Resolution
- 4-CH Simultaneous Playback
- PTZ Control
- Two-way Audio
- Frame Size/ Bitrate Life Control

Main Display Console

- 16 Channel Multi View Capability with Quick Access Buttons
- Adjustable Quality for Each Channel
- Easy Reach PTZ Controls
- One Click Playback, Scheduler
- Instant " Search & Add " Capability
- Full Screen for Selected Channel/All Channels

Recording

- 16 Channel Recording at D1 Resolution
- Scheduled (Time-date/Week) Recording
- Event Triggered Recording
- Independent Schedule for Each Channel
- Recording Path Configuration

Event Handling

- General Motion
- D/I Based Event Handling
- System Event
- Dynamic Action Insertion into Specific Channels

Playback

- 4 Channel Simultaneous Playback
- Day-Time Quick Selection Panel
- Smart Search for Events (Motion, Digital in)
- Save Video Clip / Image
- Playback Configuration Settings
- Erase Recording - Settings

Configuration

- Camera List based Individual Settings, Name
- Digital I/O Settings for Each Device

NVR Partners

Etrovision consistently works hard on forming alliance group, extending the application. With absolute backward compatibility and short time-to-market, Etrovision insists on providing maximum benefits for customer.

Company Logo	Company Name	Company info
aimetis	**Aimetis Corp.**	Add:500 Weber St. North Waterloo, On N2L 4E9, Canada Tel:+1-519-746-8888 Fax:+1-519-746-6444 http://www.aimetis.com
ALNET	**Alnet System Inc.**	Add:4400 North Federal Hwy, Suite 409 Boca Raton, FL 3343, USA Tel:+1-866-502-5638 Fax:+1-561-620-2633 http://www.alnetsystems.com/
AVerMedia	**AverMedia Technologies Inc.**	Add: No. 135, Jian-Yi Road, Chung-Ho City, Taipei Hsien, Taiwan Tel:+886-2-2226-3630 Fax:+886-2-2221-1250 http://www.avermedia.com
GeoVision	**GeoVision**	Add:9F., No. 246, Sec. 1, Neihu Rd., Neihu District, Tel:+886-2-8797-8376 Fax:+886-2-8797-5861 http://www.geovision.com.tw/english/index.asp
华青紫博 HQZB	**HQZB Technology Co., Ltd**	Add:Room 1801, 3# Building, Jindian Garden, No.9 North Wenhuiyuan Road, Haidian District, Beijing, China Tel:+86-10-51288066 Fax:+86-10-62242597 http://www.hqzb.com
huperLab	**Huper Laboratories Co., Ltd**	Add:10F, No.577, Linsen N. Rd., Taipei 104, Taiwan Tel: +886-2-2599-4041 Fax:+886-2-2599-4161 http://www.huperlab.com
icatchercctv	**iCode Systems Ltd**	Add:Grange Farm Business Park Shedfield, Southampton, SO32 2HQ, UK Tel:+44-1329- 835335 Fax:+44-1329-835338 http://www.icode.co.uk

NVR Partners

Company Logo	Company Name	Company info
	I-View Communication Inc.	Add:2F, No. 68, Min De Rd., Chutung, 310 Hsinchu, Taiwan, R.O.C. Tel:+886-3-510-3001 Fax:+886-3-510-3002 http://www.i-view.com.tw/
	JDS Digital Security Systems LLC	Add:P.O. Box 374, New Baltimore, MI 4804, USA Tel:+1-866-441-4537 Fax:+1-734-629-1555 http://www.softsite32.com
	A&H Software House Inc. "LuxRiot"	Add:European Office - Artilerijas 40 Riga, LV 1009, LATVIA Tel:(+371) 67315324 Fax:(+371) 67315324 http://www.luxriot.com
	Milestone Systems A/S	Add:Banemarksvej 50 GDK-2605 Brondby, Denmark Tel:+45-88-300300 Fax:+45-88-300301 http://www.milestone.dk
	National Scientific Corporation	Add:8361 East Evans Road Ste 106 Scottsdale, AZ 85260-695, USA Tel:+1-480-948-8324 Fax:+1-480-483-8893 http://www.nsct.info
	NetFlow IP	Add:275 Cooper Avenue, Suite 105, Tonawanda, NY 14150, U.S.A. Tel:1-866-843-6865 Fax:1-866-331-3341 http://www.netflowip.com
	NUUO Inc.	Add: Room 505, B block, 18 Sihyuan st. Jhongjheng District, Taipei, Taiwan Tel:+886-2-2362-2260 Fax:+886-2-2362-2296 http://www.nuuo.com
	NVRusa.com	Add:2855 NW 112 Ave Bay 2¡@Miami, FL 33172, USA Tel:1-800-473-4418 / (305)-436-3963 Fax:info@NVRusa.com http://www.nvrusa.com

NVR Partners

Company Logo	Company Name	Company info
QNAP	**Asia - Taiwan QNAP Systems, Inc.**	Add:21 F, No. 77, Sec. 1, Xintai 5th Rd, Xizhi City, Taipei County, 221, Taiwan Tel:+886-2-8698 2000 Fax:+886-2-8698 2270 http://www.qnap.com
Ortega InfoSystems	**Ortega InfoSystems**	Add:6200 Stoneridge Mall Road, Suite 300, Pleasanton, CA 94588, USA Tel:+1-925-399-6300 Fax:+1-435-203-2984 http://www.ortegainfo.com
Ragile 睿捷 view infinity	**Ragile Network Technology Co.,LTD**	Add:1307-1310,Longde Tower,373# Tianhe Rd.Guangzhou Tel:+86-20-3881-7070 Fax:+86-20-3881-6060 http://www.ragile.com
RapidOS	**RapidOS Technology Corp.**	Add:16F, No. 866-1, Chung Cheng Road, Chung Ho City, Taipei County, Taiwan Tel:+886-2-2228-7879 Fax:+886-2-2228-8839 http://www.rapidos.com.tw
securenet MONITORING	**Securenet Monitoring Pty Ltd.**	Add:1/11 Stoddart Road, Prospect¡@NSW 2148 Australia Tel:+61-1300-653-533 Fax:+61-1300-656-373 http://www.securenetmonitoring.com
SEENERGY	**Seenergy**	Add:4F. No.61, Dongsing Rd., Taipei City 110, Taiwan (R.O.C.) Tel:+886-2-8768-1518 Fax:+886-2-8787-8560 http://www.seenergy.com.tw/index.php
VPON	**Formosa21, Inc.**	Add:8F-6, No. 351, Chung Shan Rd., SEC. 2, Chung Ho City, Taipei, Taiwan Tel:+886-2-3234-7000 Fax:+886-2-2226-0840 http://www.formosa21.com
UniSVR	**UniSVR Global Information**	Add: 3F, No.6, Industry E. Rd.3, Science-Based Industrial Park, Hsin-Chu, Taiwan Tel:+886-3-563-2456 Fax:+886-3-563-2777 http://www.unisvr.net.tw

Easy Configuration Utilities

EtroLink™

Just three steps, it takes less than one minute to finish the initial configuration!

Embedded USB configuration port on each product (What is EtroLink™ ?)

EtroLink™ is an USB configuration port on each Etrovision product. Just connect the device with personal computer via an USB cable, a wizard will pop out and it takes only three steps to finish the setting without pouring installation of any drivers and software applications. EtroLink™ guarantees easy configuration between each camera and PC. Users are able to have quick access to important product information, for example, product type, serial number, firmware version, and distributor. Users may easily enable PPPoE, DDNS, and DHCP without complicated and time-consuming network setting.

Across-subnet Configuration

The configuration between each camera is not only easy but across-subnet. Users can alter the IP address of each camera via the standard PC interface instead time-consuming checking the back of each camera.